

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application. No. : U.S. Filing of International Application PCT/EP2004/002822  
 Applicants : SCHILLING Andreas, TOMPKIN Wayne Robert  
 Confirm. No. : Unassigned  
 Filed : Herewith  
 Title : MICROSTRUCTURE AND METHOD FOR PRODUCING  
 MICROSTRUCTURES  
 TC/A.U. : N/A  
 Examiner : N/A  
 Docket No. : 1093-140 PCT/US  
 Dated : October 21, 2005

Mail Stop PCT  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

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 PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
 22313-1450 on October 21, 2005..*

Signature: Lisa Bartell

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R.

§1.56, Applicants submit herewith the following Information Disclosure Statement in  
 accordance with the provisions of 37 C.F.R. §1.97 and §1.98.

**UNITED STATES PATENTS**

<b><u>PATENTEE</u></b>	<b><u>PATENT NO.</u></b>	<b><u>PATENT DATE</u></b>
Baltes, et al.	4,537,504*	August 27, 1985
Umeda, et al.	5,138,604*	August 11, 1992
Cox, et al.	5,575,878	November 19, 1996
Amidror, et al.	5,995,638	November 30, 1999
Suleski	6,027,595	February 22, 2000

Large	6,043,936*	March 28, 2000
Gombert, et al.	6,359,735	March 19, 2002

#### **FOREIGN PATENT DOCUMENTS**

<b><u>COUNTRY</u></b>	<b><u>PUBLICATION NO.</u></b>	<b><u>PUBLICATION DATE</u></b>
Europe	EP 0 105 099 B1*	April 11, 2004
Japan	JP 2000-264000*	September 26, 2000
WIPO	WO 00/61386*	October 19, 2000
WIPO	WO 02/48760 A1	June 20, 2002
WIPO	WO 03/084764 A2*	October 16, 2003

#### **OTHER REFERENCES**

Bryngdahl, "Moire and Higher Grating Harmonics," Journal of the Optical Society of America, Vol. 65, No. 6, pp. 685-694 (June 1975).

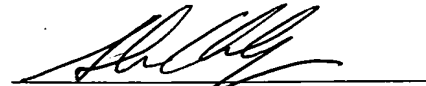
Jonsson, et al., "Investigation of Optical Properties of Injection Moulded Subwavelength Gratings," Proceedings of SPIE, Vol. 4779, pp. 23-29 (2002).

A separate listing of each of the references set forth above has also been provided on the attached Form PTO-1449. References cited in the International Search Report (ISR), which accompanies this submission, are indicated by an asterisk. A copy of each foreign patent reference is enclosed herewith. A corresponding English abstract of any non-English foreign patent document has also been provided to facilitate reference thereto.

Applicants respectfully submit that the requirements of candor and good faith set forth in 37 C.F.R. §1.56 have been fulfilled, having submitted all known references in compliance with 37 C.F.R. § 1.97 and § 1.98. Applicants believe that no fee is due at this time. If it is determined that a fee is due, please charge our Deposit Account No. 08-2461.

In view of the present submission, it is believed that the above-referenced application is, in all respects, complete and in condition for examination and favorable consideration. If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,



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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)	ATTY. DOCKET NO. 1093-140 PCT/US	SERIAL NO. <b>10/555422</b> Unassigned
	APPLICANT Schilling, et al.	CONFIRMATION NO. Unassigned
	FILING DATE Herewith	GROUP Unassigned

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4,537,504*	August 27, 1985	Baltes et al.			
	5,138,604*	August 11, 1992	Umeda et al.			
	5,575,878	Nov.19, 1996	Cox et al.			
	5,995,638	Nov. 30, 1999	Amidror et al.			
	6,027,595	Feb. 22, 2000	Suleski			
	6,043, 936*	March 28, 2000	Large			
	6,359,735	March 19, 2002	Gombert et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	EP 0105099 B1*	April 11, 1984	Europe				
	JP 2000264000*	Sept. 26, 2000	Japan				
	WO 00/61386*	Oct. 19, 2000	WIPO				
	WO 02/48760	June 20, 2002	WIPO				
	WO 03/084764*	Oct. 16, 2003	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Bryngdahl, "Moire and Higher Grating Harmonics," Journal of the Optical Society of America, Vol. 65, No. 6, pp. 685-694 (June 1975).
		Jonsson, et al., "Investigation of Optical Properties of Injection Moulded Subwavelength Gratings," Proceedings of SPIE, Vol. 4779, pp. 23-29 (2002)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.